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FTD-TT-63-145

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AEC UCRL-TRANS-10195

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*O. A. Lobedov*

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O. L. Lebedev, I. V. Antipina, S. N.  
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Aug 60 *R-26-60*

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INTERMEDIATE PRODUCTS OF OXIDATION OF  
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Order from OTS, SLA, or ETC \$1.60 TT-64-10812

Trans. of Tekhnol[ogii] no Khim[im] i Chim[ichesko]  
Tekhnol[ogii] (USSR) 1959, v. 2, p. 649-656.

(Chemistry--Organic, TT, v. 12, no. 2)

TT-64-10812

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II. Kazarnovskii, S. N.

AZ-6244

Office of Technical Services

62-14991

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ISOTOPIC ANALYSIS OF NITROGEN BY THE ELECTRON PARAMAGNETIC RESONANCE METHOD. 25 Jan 62 [6p. 3 refs.

Order from CTS or SLA \$1.10 62-14991

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III. Razuvaev, G. A.

Trans. of Akad[emiya] Nauk SSSR. Doklady, 1961, v. 140, [no. 1] p. 1327-1329.

DESCRIPTORS: Nitrogen, \*Paramagnetic resonance, Spectrographic analysis, Magnetic fields, \*Nitrogen compounds, Free radicals, Quantitative analysis, \*Radioactive isotopes, Particles, Hyperfine structure, Electrons, \*Mass spectroscopy.

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The EPR spectra were studied in aqueous-alcoholic medium in air at room temperature on an EPA type direct magnification spectrometer with double modulation of the magnetic field and an operating frequency (Physico-Molecular, TT, v. 8, no. 9) (over)

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pounds. III. Reaction of Nitrogen Tetroxide With  
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O. V. Labecev, L. I. Khmel'nitkiy, Yu. P. Egorov,  
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Lavina, N. N. Merentsova, O. V. Lebedev, 4 pp.

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Preparation of Aryltrinitromethanes Therefrom,  
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Khumel'nitkiy, S. S. Novikov, O. V. Lebedev,  
5 pp.

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Reaction of  $H_2O_2$  With Organic Compounds. I. Study  
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Benzaldehyde, Composition of Products and Equation  
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G. V. Lebedev, 10 pp.

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NASA TT F-12,066

*Peter Lebedew*

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A. Zysin, Yu. S. Klintsov and B. D. Steiborskiy,  
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(Zoogigienicheskie MeroPriyatya v Profilaktike  
Infektsionnogo Atroficheskogo Rinita Svinet). [1962]  
[6]p.

Order from OVS or SLA \$1.10                      62-14848

Trans. of Veterinariya (USSR) 1962, v. 39, no. 1,  
p. 66-69.

DESCRIPTORS: \*Swine, \*Mucous membranes, Infec-  
tious, Control, Feeding, Veterinary medicine

Use of full-value feeds during the final stage of gravidity  
of sows does not preserve the young from being affected  
with rhinitis (when they are kept together with the sows  
until separation). When healthy young females are grown  
for breeding purposes under conditions of isolation, it is  
necessary, in order to avoid rhinitis, to adopt favorable  
(Agriculture--Animal Husbandry, TT, v. 8, no. 6) (over)

62-14848

1. Title: Rhinitis  
I. Lebedev, P. T.

C222819

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Institute for Nuclear Research, by V. Biryukov and  
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JPRS 17035

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61-21138

Lebedev, S.

A METHOD OF RECTIFYING MOSAIC RELIEF  
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9p. JPRS: R-108-N/95.  
Order from OTS \$0.50 61-21138

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p. 43-48.

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2. Geodesics--Theory
3. Title: Mosaic maps
- I. Lebedev, S.
- II. Title: Soviet...
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Sci - Electronics  
May 58

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CERTAINES ANOMALIES DANS LE COMPORTEMENT  
DES METAUX CHAUFFES PAR DES IMPULSIONS DE  
COURANTS DE GRANDE DENSITE (Nekotorye Anom-  
malii v Provedenii Metallov, Nagrevannykh Impul'sam  
Toka Bol'shoi Plotnosti)(Some Anomalies in the Beha-  
viour of Metals Heated by Current Pulses of Great  
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X 277.  
Order from OTS, ETC or CNRS \$1.25 TT-62-28082

Trans. in French of Zhurnal Eksperimental'noi i Teoreticheskoi Fi-  
ziki (USSR), 1954, v. 26, no. 5, p. 629-639.  
Trans. of excerpts in English available from LC or  
SLA ml\$1.80, ph\$1.80 as SCL-T-245.

DESCRIPTORS: \*Metals, \*Threads, Electrical conduc-  
tance, \*Electric currents, Density, Measurement,  
Heating, Resistance (Electrical), Tungsten.

Exerpts translated include the synopsis, the figure  
captions (the figures are also included) and the con-  
clusion.  
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TT- 62-28082

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III. CNRS-X 277  
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Transition of Flow From the Single-Phase To the  
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X No 7, 1958, pp 56-60.

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ACBI H-6749  
ID 2163943

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The BESM electronic digital computer

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Fizmatgiz, 1959

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TRANSITION OF FLOW FROM THE SINGLE-  
PHASE TO THE TWO-PHASE STATE [O Pli'tratani  
Potoka, Perekhodyashchego iz Odnofaznogo Sostoyaniya  
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(Chemistry--Physical, TT, v. 5, no. 6)

61-12370

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- IV. ATS-21M46R
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Office of Technical Services

Electronic Digital Computers,  
by S. A. Lebedev, L. V. Kantorovic.  
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Amer. Mat. Soc. IC No. 62-22016

*S. A. Lebedev*

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June 66

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Some Anomalies in the Behavior of Metals Heated by  
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AEC/SCL-T-245

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Examining the Mechanical Method of Triangulation  
From Photographs, by S. M. Lebedev.

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<p>Lebedev, S. V. PREPARATION OF BUTADIENE DIRECTLY FROM ALCOHOL. [1961] 25p. 29 refs. Order from OTS or SLA \$2.60                      61-18060</p> <p>Trans. of Zhurnal Obshchei Khimii (USSR) 1933, v. 3, p. 698-717.</p> <p>DESCRIPTORS: Butadiene, Synthesis, Alcohols.</p>	<p>61-18060</p> <p>I. Lebedev, S. V.</p>
<p>(Unannounced)</p>	<p>217125</p>
	<p>Office of Technical Services</p>

<p>Lebedev, S. V., Gorin, Yu. A. and others. MECHANISM OF THE CONTACT CONVERSION OF ALCOHOLS TO DIENE HYDROCARBONS. [1961] 18p. 21 refs. Order from OTS or SLA \$1.60      61-18200</p> <p>Trans. of Sinteticheski Kauchuk (USSR) 1935 [v. 4] no. 1, p. 8-27.</p> <p>DESCRIPTORS: Alcohols, Decomposition, Hydro- carbons, Butadienes, Dienes, Synthesis.</p> <p>(Unannounced)</p>	<p>61-18200</p> <p>I. Lebedev, S. V. II. Gorin, Yu. A.</p> <p>61-18200</p> <p>Office of Technical Services</p>
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Some Anomalies in the Behavior of Metals Heated by  
High-Surge Pulses, by S. V. Lebedev, S. E. Khaikin.

RUSSIAN, per, Zhur Eksper Teoret Fiz, Vol XXVI,  
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Lebedev, S. V., Khokhlovkin, M. A. and others.  
KINETICS OF THE PROCESS OF THERMAL POLY-  
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Order from OTS or SLA \$1.60 61-18074

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v. 6, p. 130ff (also pub. in mono. Lebedev, S. V.,  
Life and Works, Leningrad, 1933, p. 647-662).

DESCRIPTORS: Butadienes, Polymerization, Reaction  
kinetics, Temperature, Velocity, Oxygen

Thermal polymerization of butadiene within the temper-  
ature interval of 110-200° was investigated, and reac-  
tion velocity curves obtained for each temperature. It  
was established that the order of the reaction changes  
with change of the temperature of the experiment. The  
average order of the reaction determined according to  
van't Hoff is approximately 1.5. The accelerating effect  
(Chemistry--Physical, TT, v. 9, no. 2) (over)

61-18074

I. Lebedev, S. V.  
II. Khokhlovkin, M. A.

61-18074

Office of Technical Services

Preparation of 1,3-Butadiene From  
Petroleum and Its Fractions, by S. V.  
Lebedev, G. M. Kagan, S. V. Katsan,  
B. D. Kuznetsov, V. G. Moor, 14pp.  
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Vol 1, 1936, pp 171-190.  
CPROH SEP-61110051.

*S. V. Lebedev*

3, 1937

Sci - Materials  
EPR 67

Preparation of 1,3-Butadiene From  
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B. D. Kustrya, V. G. Moor, 10pp.  
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*S. V. Lebedev*

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Heats of Combustion of Isoprene and Products  
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M. A. Khokhlovkin, et al. 9 pp.  
RUSSIAN, per, Zhurnal Prikladnoi Khimii, Vol 9,  
1936, pp 1605ff.  
SLA TT-61-16633

*S. V. Lebedev*

Sci/Chemistry  
Jul 66

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Action of Some Silicates on Hydrocarbons Con-  
taining a Tertiary Butyl Radical in Their Molecule,  
by S.V. Lebedev, N.A. Kudryavtsev. 6 pp.  
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pp 1859-1865.  
SLA TT-61-18045

*S. V. Lebedev*

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Shortwave Radiation from a Vacuum Spark, by  
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Rodin, 5 pp.

RUSSIAN, *pub*, Eksper i Teoret Fiz, Vol XXXVII,  
(10), No 2, 1960, pp 349-354.  
No 2(3), 1959

Amer Inst of Phys  
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Mar 60

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Lebedev, S. V. and Slobodin, Ya. M.  
ISOMERIZATION OF HYDROCARBONS OF THE  
DIALLYL SERIES BY SILICATES. [1961] 7p 18 refs  
Order from OTS, SLA, or ETC \$1.10 TT-61-16615

Trans. of Zhurnal Obshchei Khimii (USSR) 1934,  
v. 4 [no. 1] p. 23-30.  
Another trans. is available from SLA as  
SLA-R-3964, 8p.

DESCRIPTORS: \*Dienes, Molecular isomerism,  
\*Butanes, Bromination, Grignard reactions, \*Butenes,  
\*Butadienes, Synthesis (Chemistry), Polymerization,  
\*Silicates, Allyl radicals.

(Chemistry--Organic, TT, v. 11, no. 3)

TT-61-16615

I. Lebedev, S. V.  
II. Slobodin, Ya. M.  
III. SLA-R-3964

Office of Technical Services

PHENOMENA in Tungsten Wires Preceding Their  
Explosion Under the Effects of a Heavy Current,  
by S. V. Labadov, 33 pp.

RUSSIAN, per, Zhur Kasper i Teoret Fiz, Vol XIVII,  
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87-930

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Sci - Phys

May 59

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Lebedev, S. V. and Livshitz, I. A.  
INVESTIGATION IN THE DOMAIN OF POLYMERIZA-  
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